

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2477	((381/103 or 318/113 or 381/56 or 381/312).cds.)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/04/24 10:24
L2	1340	((381/316-318 or 318/83 or 381/93 or 381/94.3).cds.)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/04/24 10:25
L3	535	((381/113 or 318/320 or 381/313).cds.)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/04/24 10:26
L4	232	(synchroniz\$4 or ("same" near2 time) or (real adj time)) same (second adj noise )	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2008/04/24 10:30
L5	1245	(synchroniz\$4 or ("same" near2 time) or (real adj time)) and (second adj noise )	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2008/04/24 10:30
L6	2	1 and 4 and @ay<= "2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/24 10:31
L7	6	1 and 5 and @ay<= "2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/24 10:31
L8	9	2 and 5 and @ay<= "2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/24 10:34

L9	1	3 and 5 and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/24 10:34
L10	1	3 and 4 and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/24 10:35
L11	3	2 and 4 and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/24 10:35
L12	0	(synchroniz\$4 same first same predictable same noise same second same predictable same noise same synchronizer).clm.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/24 10:41
L13	19	"5233665"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/24 10:43
L14	31	("4185168"   "4396806"   "4400590"   "4425481"   "4566119"   "4627094"   "4706287"   "4731850"   "4845758"   "4852175"   "4879749"   "4956867"   "5027410").PN. OR ("5233665").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/04/24 10:45
L15	89	((JAKOB) near2 (NIELSEN)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2008/04/24 11:43
L16	88	((ROBERT) near2 (BRENNAN)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2008/04/24 11:45
L17	20	((TODD) near2 (SCHNEIDER)).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2008/04/24 11:46

S1	52	("5245262") or ("4813031") or ("5402522") or ("6021234") or ("6054705") or ("4310841") or ("4348683") or ("4447886") or ("5202924") or ("5278478") or ("5361074") or ("5792207") or ("6097212") or ("6150842") or ("4317210") or ("4399474") or ("4467831") or ("4599556") or ("4774682") or ("4819096") or ("4937682") or ("4974602") or ("4998522") or ("5222195") or ("5274375") or ("5339285") or ("5383116") or ("5448303") or ("5519265") or ("5821807") or ("5822407") or ("5827195") or ("5844288") or ("5848390") or ("5852391") or ("5859928") or ("5883816") or ("5894421") or ("5963099") or ("6088785") or ("6091305") or ("6104449") or ("6134605") or ("6160252") or ("6201954") or ("4242912") or ("4255761") or ("4261207") or ("4282404") or ("4283692")).PN.	USPAT; USOOR; EPO	OR	OFF	2003/11/21 16:10
S2	401	((381/103).cols) and filter	USPAT; EPO	OR	OFF	2003/11/21 14:43
S3	119	((381/103).cols) and (filter and (transfer adj function))	USPAT; EPO	OR	OFF	2003/11/24 11:21
S4	6	((brennan.inv.) and (hearing adj aid))	USPAT; EPO	OR	OFF	2003/11/21 16:02
S5	0	("wo9009760").PN.	USPAT; USOOR; EPO	OR	OFF	2003/12/03 11:43
S6	1	("9009760").PN.	USPAT; USOOR; EPO	OR	OFF	2003/11/21 16:11
S7	6	((("4577641") or ("4615007") or ("6292571") or ("6289310") or ("0553151") or ("4868880"))).PN.	USPAT; USOOR; EPO	OR	OFF	2003/11/21 16:12
S8	1	"6278786".PN.	USPAT	OR	OFF	2003/11/24 10:32
S9	1	"6252968".PN.	USPAT	OR	OFF	2003/11/24 10:33
S10	1	"6233462".PN.	USPAT	OR	OFF	2003/11/24 10:33
S11	1	"6163610".PN.	USPAT	OR	OFF	2003/11/24 10:34
S12	1	"6141540".PN.	USPAT	OR	OFF	2003/11/24 10:34

S13	1	"6052464".PN.	USPAT	OR	OFF	2003/11/24 10:34
S14	1	"6011853".PN.	USPAT	OR	OFF	2003/11/24 10:35
S15	1	"6011853".PN.	USPAT	OR	OFF	2003/11/24 10:38
S16	1	"5881103".PN.	USPAT	OR	OFF	2003/11/24 10:38
S17	1	"5790671".PN.	USPAT	OR	OFF	2003/11/24 10:38
S18	308	((381/103)".cols") and (equaliz\$4)	USPAT; EPO	OR	OFF	2005/11/08 12:26
S19	37	((381/56)".cols") and (filter and (transfer adj function))	USPAT; EPO	OR	OFF	2005/03/07 08:48
S20	16	((381/316)".cols") and (filter and (transfer adj function))	USPAT; EPO	OR	OFF	2005/03/07 08:51
S21	26	((381/317)".cols") and (filter and (transfer adj function))	USPAT; EPO	OR	OFF	2005/03/07 08:53
S22	28	((381/318)".cols") and (filter and (transfer adj function))	USPAT; EPO	OR	OFF	2005/03/07 08:53
S23	0	((381/103)".cols") and (equaliz)	USPAT; EPO	OR	OFF	2003/11/24 12:38
S24	68	((381/103)".cols") and (equalize)	USPAT; EPO	OR	OFF	2007/03/27 11:41
S25	28	(sims.inv.) and equaliz\$4	USPAT; EPO	OR	OFF	2003/11/25 09:10
S26	118	(sims.inv.) and filter	USPAT; EPO	OR	OFF	2003/11/25 09:10
S27	1	("6236731").PN.	USPAT; USOOR; EPO	OR	OFF	2003/11/25 15:49
S28	1	"5649019".PN.	USPAT	OR	OFF	2003/11/25 15:35
S29	1	"5613008".PN.	USPAT	OR	OFF	2003/11/25 15:36

S30	1	"5608803".PN.	USPAT	OR	OFF	2003/11/25 15:37
S31	1	"5515443".PN.	USPAT	OR	OFF	2003/11/25 15:38
S32	1	"5278912".PN.	USPAT	OR	OFF	2003/11/25 15:38
S33	1	"5276739".PN.	USPAT	OR	OFF	2003/11/25 15:38
S34	1	"5111419".PN.	USPAT	OR	OFF	2003/11/25 15:42
S35	1	"5029217".PN.	USPAT	OR	OFF	2003/11/25 15:42
S36	1	"4989251".PN.	USPAT	OR	OFF	2003/11/25 15:43
S37	1	"4882762".PN.	USPAT	OR	OFF	2003/11/25 15:44
S38	1	"4868880".PN.	USPAT	OR	OFF	2003/11/25 15:44
S39	1	"4852175".PN.	USPAT	OR	OFF	2003/11/25 15:45
S40	1	"4508940".PN.	USPAT	OR	OFF	2003/11/25 15:47
S41	1	"4471171".PN.	USPAT	OR	OFF	2003/11/25 15:47
S42	1	"4187413".PN.	USPAT	OR	OFF	2003/11/25 15:47
S43	1	("6606391").PN.	USPAT; USOOR; EPO	OR	OFF	2003/11/25 16:30
S44	1	"6240192".PN.	USPAT	OR	OFF	2003/11/25 16:24
S45	1	"6236731".PN.	USPAT	OR	OFF	2003/11/25 16:24
S46	1	"5649019".PN.	USPAT	OR	OFF	2003/11/25 16:24

S47	1	"5613008".PN.	USPAT	OR	OFF	2003/11/25 16:25
S48	1	"5608803".PN.	USPAT	OR	OFF	2003/11/25 16:25
S49	1	"5515443".PN.	USPAT	OR	OFF	2003/11/25 16:26
S50	1	"5278912".PN.	USPAT	OR	OFF	2003/11/25 16:26
S51	1	"5276739".PN.	USPAT	OR	OFF	2003/11/25 16:26
S52	1	"5172346".PN.	USPAT	OR	OFF	2003/11/25 16:27
S53	1	"5111419".PN.	USPAT	OR	OFF	2003/11/25 16:27
S54	1	"5029217".PN.	USPAT	OR	OFF	2003/11/25 16:27
S55	1	"4989251".PN.	USPAT	OR	OFF	2003/11/25 16:29
S56	1	"4882762".PN.	USPAT	OR	OFF	2003/11/25 16:29
S57	1	"4868880".PN.	USPAT	OR	OFF	2003/11/25 16:29
S58	1	"4852175".PN.	USPAT	OR	OFF	2003/11/25 16:29
S59	1	"4689820".PN.	USPAT	OR	OFF	2003/11/25 16:29
S60	1	"4471171".PN.	USPAT	OR	OFF	2003/11/25 16:29
S61	1	"4187413".PN.	USPAT	OR	OFF	2003/11/25 16:30
S62	31	"5276739"	USPAT; EPO	OR	OFF	2003/11/25 16:30
S63	23	"5029217"	USPAT; EPO	OR	OFF	2003/11/25 17:03

S64	0	("60157973" or ("60139204")).PN.	USPAT; USOOR; EPO	OR	OFF	2003/11/26 10:32
S65	1	"9631086"	USPAT; EPO	OR	OFF	2003/11/26 11:12
S66	4	(hooley.inv.) and loudspeakers	USPAT; EPO	OR	OFF	2003/11/26 11:24
S67	1	("4773096").PN.	USPAT; USOOR; EPO	OR	OFF	2003/11/26 11:24
S68	120	((381/103)".cols") and (filter and (transfer adj function))	USPAT; EPO	OR	OFF	2003/11/26 15:07
S69	90	((381/316)".cols")	USPAT; EPO	OR	OFF	2003/11/26 15:36
S70	122	((381/317)".cols")	USPAT; EPO	OR	OFF	2003/11/26 15:51
S71	103	((381/318)".cols")	USPAT; EPO	OR	OFF	2003/11/26 15:51
S72	3	(chabries.inv.) and ((a/d) adj converter)	USPAT; EPO	OR	OFF	2003/12/02 11:57
S73	3	((4141072") or ("5206913")).PN.	USPAT; USOOR; EPO	OR	OFF	2003/12/02 16:47
S74	0	((maximum adj length adj sequence adj generator) or (mls)).PN.	USPAT; USOOR; EPO	OR	OFF	2003/12/03 11:07
S75	0	((((maximum) adj (length) adj (sequence) adj (generator)) or (mls)).PN.	USPAT; USOOR; EPO	OR	OFF	2003/12/03 11:08
S76	15824	(maximum adj length adj sequence adj generator) or (MLS)	USPAT; EPO	OR	OFF	2007/03/26 14:48
S77	27	(maximum adj length adj sequence adj generator) or ((MLS) adj generator)	USPAT; EPO	OR	OFF	2003/12/03 11:44
S79	0	(maximum adj length adj sequence adj generator) and (hearing adj aid)	USPAT; EPO	OR	OFF	2003/12/03 11:45
S80	7	(maximum adj length adj sequence) and (hearing adj aid)	USPAT; EPO	OR	OFF	2004/08/11 14:58
S81	69	(white adj noise) and (hearing adj aid)	USPAT; EPO	OR	OFF	2003/12/03 12:16

S82	1	("5029217").PN.	USPAT; USOOR; EPO	OR	OFF	2003/12/04 11:52
S83	1	("5029217").PN.	USPAT; USOOR; EPO	OR	OFF	2004/08/10 17:52
S84	16506	((maximum adj length adj sequence) or (MLS)	USPAT; EPO	OR	OFF	2004/08/11 14:58
S85	16	((maximum adj length adj sequence) or (MLS)) and (noise adj generator)	USPAT; EPO	OR	OFF	2004/08/11 15:22
S86	124	((maximum adj length adj sequence) or (MLS)or (pseudorandom adj noise)) and (noise adj generator) and second	USPAT; EPO	OR	OFF	2004/08/11 15:24
S87	2	((maximum adj length adj sequence) or (MLS)or (pseudorandom adj noise)) and ( second adj (noise adj generator))	USPAT; EPO	OR	OFF	2004/08/11 16:02
S88	0	((maximum adj length adj sequence) or (MLS)) and ( second adj (noise adj generator))	USPAT; EPO	OR	OFF	2004/08/11 16:01
S89	0	((maximum adj length adj sequence) or (MLS)) and ( second adj (noise adj generator))	US_PGPUB; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/11 16:01
S90	0	((maximum adj length adj sequence) or (MLS)or (pseudorandom adj noise)) and ( second adj (noise adj generator))	US_PGPUB; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/11 16:02
S91	9	"3997764"	USPAT; EPO	OR	OFF	2004/08/12 10:26
S92	156	((381/103).cols.) and (equaliz\$4)	USPAT; EPO	OR	OFF	2006/07/29 11:14
S93	63	"4658426"	USPAT; EPO	OR	OFF	2005/03/04 15:19
S94	156	((381/103).cols.) and (equaliz\$4)	USPAT; EPO	OR	OFF	2005/03/05 15:41
S95	224	((381/56).cols.)	USPAT; EPO	OR	OFF	2005/03/07 06:48
S96	7	((381/316).cols.) and (filter and (transfer adj function))	USPAT; EPO	OR	OFF	2005/03/07 08:51

S97	13	((381/317).cols.) and (filter and (transfer adj function))	USPAT; EPO	OR	OFF	2005/03/07 08:53
S98	19	((381/318).cols.) and (filter and (transfer adj function))	USPAT; EPO	OR	OFF	2005/03/07 08:54
S99	23	(maximum adj length adj sequence adj generator)	USPAT; EPO	OR	OFF	2005/03/07 08:55
S100	1	("6463532").PN.	USPAT; EPO	OR	OFF	2005/03/07 09:55
S101	180	((381/103).cols.) and (equaliz\$4)	USPAT; USOOR; EPO	OR	OFF	2005/11/08 12:30
S102	11	"5602962"	USPAT; USOOR; EPO	OR	OFF	2005/11/08 12:35
S103	16	(("4536887") or ("5657393") or ("5774562") or ("4069395") or ("4066842") or ("3440350") or ("3542954") or ("5511128") or ("5590241") or ("3542954") or ("5353376") or ("5825898") or ("6178248") or ("5737485") or ("6041127")).PN.	USPAT; USOOR	OR	OFF	2005/11/08 12:37
S104	6	harm.inv. and microphone	USPAT; EPO	OR	OFF	2005/11/08 14:12
S105	2687	(predit\$4 or estimat\$4) adj noise	US-PGPUB; USPAT; USOOR; EPO	OR	OFF	2005/11/09 11:42
S106	1932	microphone and (select\$4 adj function)	US-PGPUB; USPAT; USOOR; EPO	OR	OFF	2005/11/09 09:23
S107	8	S105 and S106 and @ay<= "2001"	US-PGPUB; USPAT; USOOR; EPO	OR	OFF	2005/11/09 09:49
S108	28	noise adj generator and predict\$ adj noise	US-PGPUB; USPAT; USOOR; EPO	OR	OFF	2006/07/29 11:05
S109	24	noise adj generator and predict\$ adj noise and @ay<= "2001"	US-PGPUB; USPAT; USOOR; EPO	OR	OFF	2005/11/09 10:13
S110	9	(noise adj generator) and (second adj noise adj source) and @ay<= "2001"	US-PGPUB; USPAT; USOOR; EPO	OR	OFF	2007/10/24 08:53

S111	3138	(predict\$4 or estimat\$4) adj noise	US-PGPUB; USPAT; USOOR; EPO	OR	OFF	2005/11/09 11:42
S112	1932	microphone and (select\$4 adj function)	US-PGPUB; USPAT; USOOR; EPO	OR	OFF	2005/11/09 12:28
S113	26	maximum adj length adj sequence adj generator	US-PGPUB; USPAT; USOOR; EPO	OR	OFF	2005/11/09 12:30
S114	24	maximum adj length adj sequence adj generator and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO	OR	OFF	2005/11/09 12:30
S115	2	(("6236731") or ("6240192")).PN.	USPAT; USOOR	OR	OFF	2006/07/28 16:22
S116	30347	(maximum adj length adj sequence adj generator) or (MLS)	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2006/07/29 11:04
S117	5381	noise adj generator or predict\$ adj noise	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2006/07/29 11:06
S118	8	S116 and S117 and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2006/07/29 11:06
S119	93	((381/113).cols.) and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2006/07/29 11:19
S120	672	((381/312).cols.) and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2006/07/29 11:19

S121	16	((381/312).cols.) and S117 and @ay<= "2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2006/07/29 11:24
S122	2	((381/312).cols.) and S116 and @ay<= "2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2006/07/29 11:27
S123	10	(("381"/\$).cols.) and S116 and @ay<= "2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2006/07/29 11:27
S124	0	2001/0038702	USPAT; EPO	OR	OFF	2006/07/29 15:59
S125	0	2001/0038702	US-PGPUB; USPAT; EPO	OR	OFF	2006/07/29 15:59
S126	1	"20010038702"	US-PGPUB; USPAT; EPO	OR	OFF	2006/07/29 15:59
S127	31816	(maximum adj length adj sequence adj generator) or (MLS)	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/03/26 14:48
S128	0	second adj noise same ((white or random or pink) adj noise) same microphone\$1 same speaker\$§	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/03/26 14:52
S129	0	(second adj noise) same ((white or random or pink) adj noise) same microphone\$1 same speaker\$§	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/03/26 14:52
S130	160	(second adj noise) and ((white or random or pink) adj noise) and microphone\$1 and speaker\$§	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/03/26 15:01

S131	0	S127 and S130	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/03/26 14:53
S132	93	S130 and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/03/26 17:18
S133	223	(second adj noise) and microphone\$1 and speaker\$s	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/03/26 15:03
S134	0	S127 and S133 and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/03/26 15:02
S135	10	S127 and microphone\$1 and speaker\$s and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/03/26 15:03
S136	19	"5233665"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/03/26 17:18
S137	31	("4185168"   "4396806"   "4400590"   "4425481"   "4566119"   "4627094"   "4706287"   "4731850"   "4845758"   "4852175"   "4879749"   "4956867"   "5027410").PN OR ("5233665").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/03/26 17:21
S138	192	(("381"/\$).cds.) and (equaliz\$5 adj filter\$1)	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/03/27 11:42
S139	111	(("381"/\$).cds.) and (equaliz\$5 adj filter\$1) and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/03/27 11:43

S140	2	("6272229").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/10/23 16:49
S141	8	synchroniz\$4 and (second adj noise adj source) and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO	OR	OFF	2007/10/24 08:53
S142	56	((TORSTEN) near2 (NIEDERDRANK).INV.	US-PGPUB; USPAT; USOOR	OR	ON	2007/11/05 11:18
S143	2	("20030016834").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/11/05 11:22
S144	2	("6588022").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/11/05 11:22
S145	2	("6588022").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2007/11/06 09:57
S146	267	synchroniz\$4 and (second adj noise ) and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/23 12:09
S147	36	synchroniz\$4 same (second adj noise )	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/23 12:10
S148	22	S147 and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/23 12:10
S149	11	synchroniz\$4 and (second adj noise ) and ((381"/\$).cds.) and @ay<="2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/23 12:16

S150	230	(synchroniz\$4 or ("same" near2 time) or (real adj' time)) same (second adj' noise )	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/23 12:29
S151	8	S150 and (("381"/\$).cols.) and @ay<= "2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/23 12:30
S152	126	S150 and @ay<= "2001"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/04/23 12:36

4/24/2008 11:47:41 AM

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